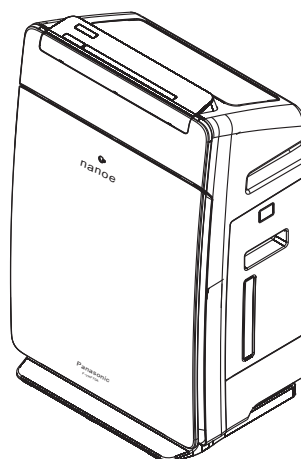


Service Manual

Humidifying Air Purifier

OverSea Market


F-VXF70A



WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacture. We suggest to handle such parts after the static electricity prevention. It is forbidden to touch the PCB parts by bare hands during the repairing process.

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1. Specifications

Model number	F-VXF70A					
Power supply	220V~ 50Hz			/	240V~ 50Hz	
Operation mode	Clean Air			Clean/Humid.		
Air Volume settings	Hi	Med	Lo	Hi	Med	Lo
Power Consumption (W) ※1	70	10	6	50	12	8
Humidifying amount (mL/h) ※2	— ※3	— ※3	— ※3	600	300	150
Air Volume (m³/min)	6.8	2.8	1.2	6.0	2.8	1.2
Floor area capacity	Up to 52m ² in a standard household room			Up to 28m ² in a standard household room		
Capacity of the tank	About3.4L					
Power cord length	2.0m					
Product dimensions	390mmx [295mm+(Foot:20mm)]x608mm(WXDXH)					
Product weight	10.2kg					

※1 The power consumption is about 0.9 W when the operation is set to "Off".(With the power plug inserted)

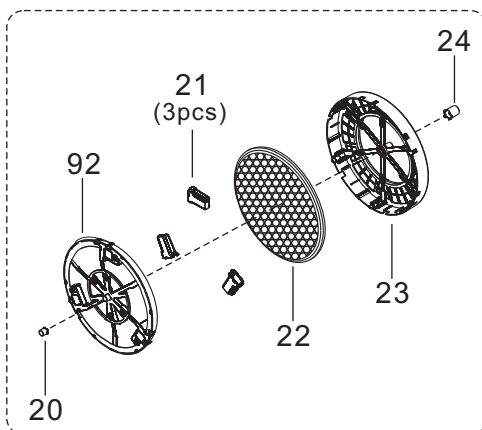
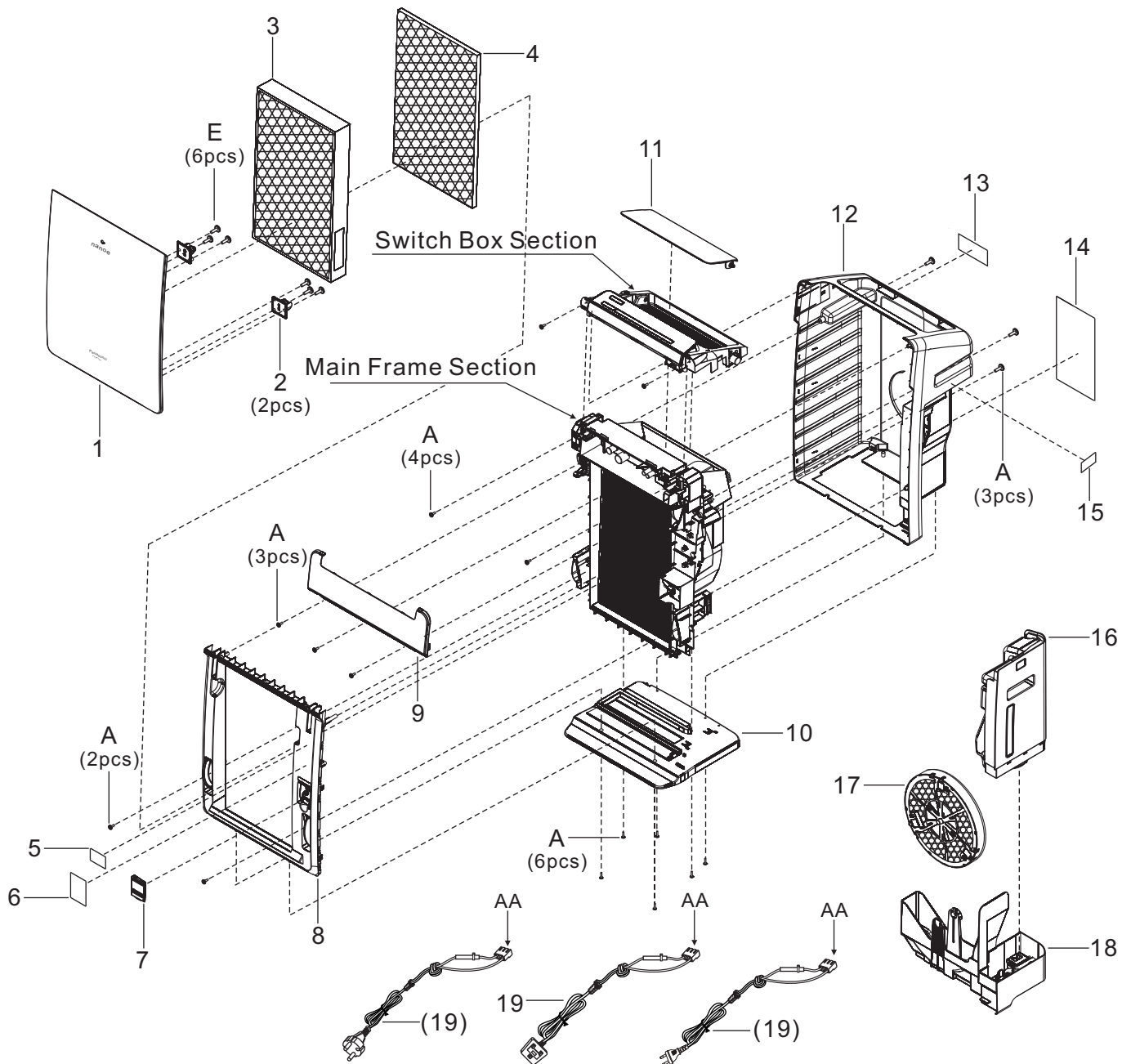
※2 The humidifying amount may vary with the indoor temperature and humidity.(Please refer to operating Instructions P.22)

※3 If there is water in the tank, the unit uses its water to humidify a little.(The water in the tank will be reduced little)

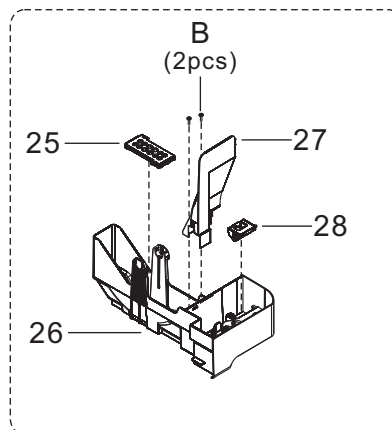
2. Parts Identification

F-VXF70A

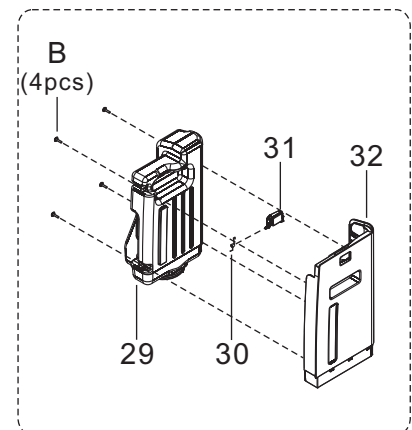
Main Body Section



H.Filter Section



Tray Section



Tank Section

Remark: The double same letter which displayed behind the Lead Assy. Means they were linked together.

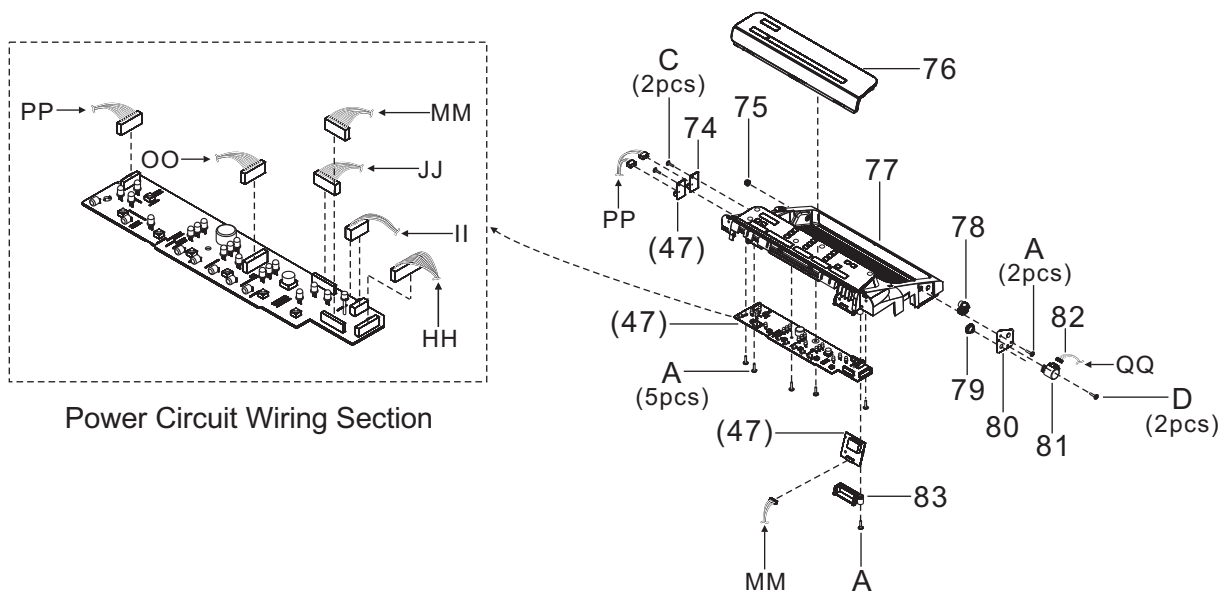
F-VXF70A

Remark: The double same letter which displayed behind the Lead Assy. Means they were linked together.

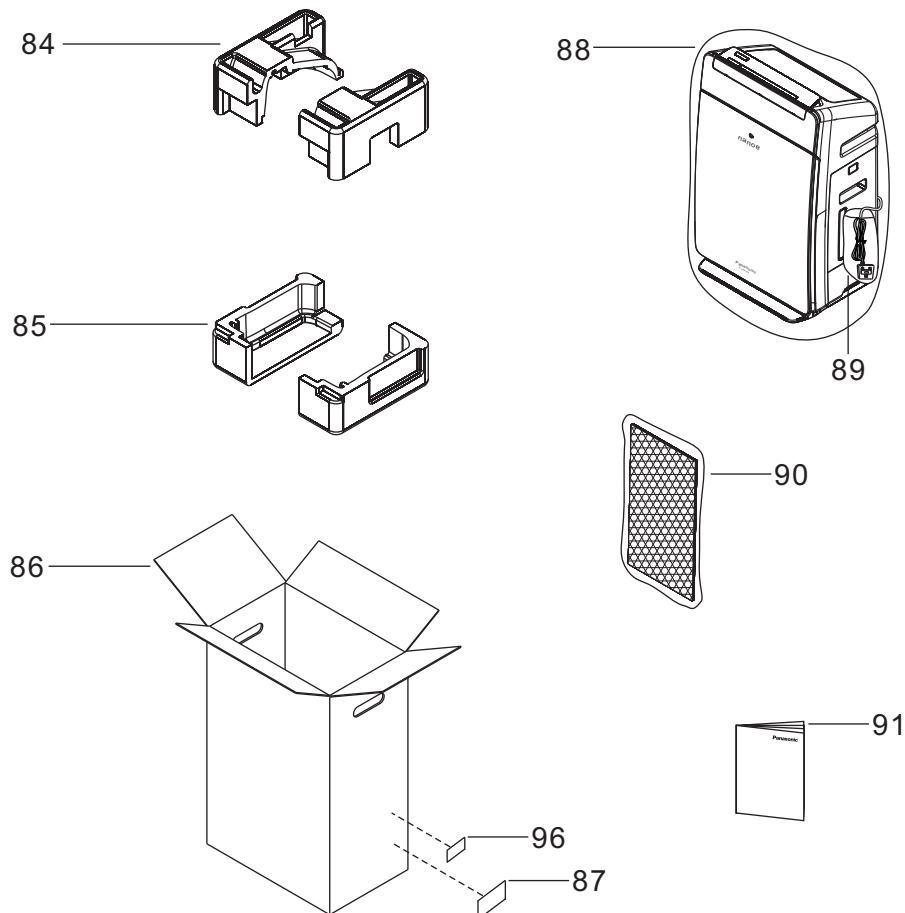
2. Parts Identification

F-VXF70A

Switch Box Section



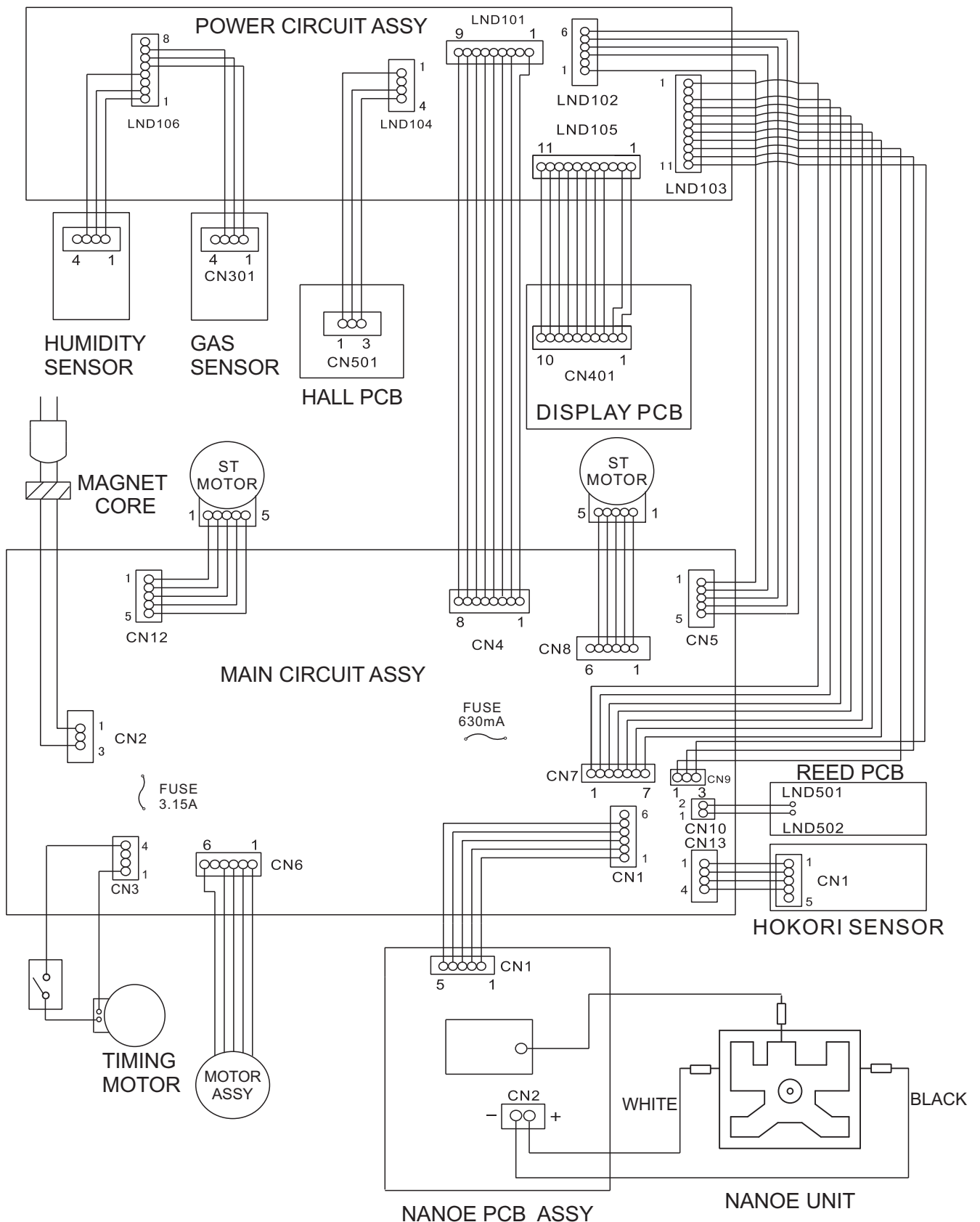
Packing Section



Remark: The double same letter which displayed behind the Lead Assy. Means they were linked together.

3. Wiring Diagram

F-VXF70A



4. Parts List

F-VXF70A

Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
1	FFE01031102S	Front Panel Print	1	
2	FFE03031101S	Fixed Arm	2	
3	FFE41801102S	C.Filter Assy	1	
4	FFE41701102S	D.Filter Assy	1	
5	FFE00791106S	Brand Label	1	
6	FFE00601102S	Filter Label	1	For MALAYSIA Market
(6)	FFE00611102S	Filter Label	1	For INDONESIA Market
(6)	FFE00621101S	Filter Label	1	For THAILAND Market
7	FFE36400801S	D.Sensor Cover	1	
8	FFE01161101S	Front Case Assy	1	
9	FFE01151101S	Top Cover Assy	1	
10	FFE01081101S	Stand Painting	1	
11	FFE04061101S	Top Louver	1	
12	FFE01141102S	Rear Case Assy	1	
13	FFE00751105S	Warning Label	1	For MALAYSIA Market
(13)	FFE00761105S	Warning Label	1	For INDONESIA Market
(13)	FFE00771105S	Warning Label	1	For THAILAND Market
14	FFE00501106S	Name Plate	1	For MALAYSIA Market
(14)	FFE00511104S	Name Plate	1	For INDONESIA Market
(14)	FFE00521104S	Name Plate	1	For THAILAND Market
15	FFE00801103S	Tank Label	1	For MALAYSIA Market
(15)	FFE00811104S	Tank Label	1	For INDONESIA Market
(15)	FFE00821103S	Tank Label	1	For THAILAND Market
16	FFE00001103S	Tank Section	1	
17	FFE00001104S	H.Filter Section	1	
18	FFE00001105S	Tray Section	1	
19	FFE16001102S	Cord Assy	1	For MALAYSIA Market
(19)	FFE16001104S	Cord Assy	1	For INDONESIA Market
(19)	FFE16101102S	Cord Assy	1	For THAILAND Market
20	FFE06051101S	Cap(A)	1	
21	FFE06041101S	Waterwheel	3	
22	FFE06101101S	H.Filter Assy	1	
23	FFE06021101S	H.Filter Case	1	
24	FFE06061101S	Cap(B)	1	
25	FFE05551101S	Germproof Set	1	
26	FFE05101101S	Tray	1	
27	FFE05111101S	Tray Plate	1	
28	FFE01181101S	Float Assy	1	
29	FFE05011102S	Tank Unit	1	
30	FFE01160801S	Handle Spring	1	
31	FFE06080902S	Tank Hook	1	
32	FFE05031102S	Tank Cover	1	
92	FFE06031101S	H.Filter Cover	1	
A	XTB4+14CFJ	Bind Tap Screw	24	

4. Parts List

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Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
B	XTB4+14CZ	Bind Tap Screw	6	
E	XTN35+8CFJ	Pan Tap Screw	6	

Main Frame Section

No.	Part No.	Part Name	Q'ty	Remark
33	FFE01101101S	Main Frame	1	
34	FFE12500901S	Micro Switch Cover	1	
35	FFE35500501S	Switch Lever	1	
36	FFE12901102S	Micro Switch Assy	1	⚠
37	FFE12500601S	Dust Sensor	1	⚠
38	FFE09021101S	Dust Sensor Lead	1	⚠
39	FFE03021101S	Arm R	1	
40	FFE01121102S	Shaft	1	
41	FFE03011101S	Arm L	1	
42	FFE00231101S	Gear Box Set	1	⚠
43	FFE01111102S	PCB Box	1	
44	FFE02000801S	Magnet Hold	1	
45	FFE36200901S	Hall Panel	1	
46	FFE13011101S	Hall PCB Box	1	
47	FFE48001102S	Circuit Assy Set	1	⚠
48	FFE02051101S	Timing Motor Cover	1	
49	FFE02061101S	Gear	1	
50	FFE21101101S	Gear Stay	1	
51	FFE02031101S	Orifice	1	
52	FFE60001101S	Timing Motor	1	⚠
53	FFE02021102S	Casing Cover	1	
54	FFE02081102S	Nanoe Cover	1	
55	FFE15001101S	Nanoe Unit	1	⚠
56	FFE02091101S	Nanoe Silencer	1	
57	FFE02071102S	Nanoe Case	1	
58	FFE09061102S	High Voltage Lead	1	⚠
59	FFE09071102S	Peltier Lead	1	⚠
60	FFE09051102S	Nanoe Lead	1	⚠
61	FFE48041101S	Nanoe PCB Assy	1	⚠
62	FFE49601102S	Reed PCB	1	
63	FFE07201101S	Nut	1	For Fixing Blade Assy
64	FFE06090801S	Undee Washer	1	For Fixing Blade Assy
65	FFE21100803S	Blade Fix Ring	1	For Fixing Blade Assy
66	FFE20050801S	Blade Plate(A)	1	
67	FFE02041101S	Blade Assy	1	
68	FFE20030902S	Blade Plate	1	For Fixing Blade Assy
69	FFE02021103S	Fan Casing Assy	1	
70	FFE08110801S	Holder Gum(A)	1	
71	FFE23001103S	Motor Assy	1	⚠

4. Parts List

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Main Frame Section

No.	Part No.	Part Name	Q'ty	Remark
72	FFE08120801S	Holder Gum(B)	1	
73	FFE08010801S	Motor Holder	1	
93	FFE05070901S	Hall IC Magnet	1	
94	K3T25X12X15	Magnet Core	1	
95	FFE09031101S	STM Lead(GB)	1	⚠
A	XTB4+14CFJ	Bind Tap Screw	26	
F	XTN4+14CFJ	Pan Tap Screw	2	

Switch Box Section

No.	Part No.	Part Name	Q'ty	Remark
74	FFE49301101S	Humidity Sensor	1	⚠
75	FFE21300801S	Louver Bush	1	
76	FFE04161101S	Switch Plate Assy	1	
77	FFE04011102S	Switch Box	1	
78	FFE04071101S	Louver Gear	1	
79	FFE04081101S	STM Gear	1	
80	FFE04091101S	STM Holder	1	
81	FFE24001101S	ST Motor	1	⚠
82	FFE09081101S	STM Lead(TP)	1	⚠
83	FFE04051101S	Display PCB Cover	1	
A	XTB4+14CFJ	Bind Tap Screw	8	
C	XTB3+14CFJ	Bind Tap Screw	2	
D	XSB4+6FJ	Bind Screw	2	

Packing Section

No.	Part No.	Part Name	Q'ty	Remark
84	FFE80101102S	Top Pack	1	
85	FFE80201102S	Bottom Pack	1	
86	FFE80011106S	Carton Case	1	
87	FFE90001108S	Pos Label	1	For MALAYSIA Market
(87)	FFE90011106S	Pos Label	1	For INDONESIA Market
(87)	FFE90021106S	Pos Label	1	For THAILAND Market
88	FFE21401101S	Poly Cover	1	For Main Body Packing
89	FFE01110801S	Poly Cover	1	For Cord Assy Packing
90	FFE21371101S	Poly Cover	1	For D.Filter Assy Packing
91	FFE89501104S	Operating Instruction	1	For MALAYSIA Market
(91)	FFE89511104S	Operating Instruction	1	For INDONESIA Market
(91)	FFE89521103S	Operating Instruction	1	For THAILAND Market
96	FFE00801102S	Sub Sticker Label	1	For INDONESIA Market